



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Gary R. Holt, et al.

Serial No. 10/729,834

Filed: December 5, 2003

Title: Temporal Filtering Using Object
Motion Estimation

Examiner: not yet known

Art Unit: 2614

Atty. Dkt. No.: 10006.001710

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Under 37 C.F.R. §1.56 and §§1.97-98

Sir:

Pursuant to the provisions of 37 CFR 1.56 and §§1.97-98, enclosed herewith is form PTO/SB/08 (substitute for form 1449A/PTO) listing references which may be material to the examination of this application, and with respect to which there may be a duty to disclose. The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

A copy of each listed reference is enclosed herewith, unless no such copy is required pursuant to 37 CFR § 1.98(d).

- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. [SERIAL NUMBER], filed on [FILING DATE], and the references cited therein are hereby listed but are not required to be provided in this application under 37 CFR § 1.98(d).

Pursuant to 37 CFR §1.97, this Information Disclosure Statement is being submitted under the section indicated below.

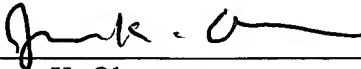
- ☒ 37 CFR §1.97(b).
- ☐ 37 CFR §1.97(c). If so, then either:
- ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that either:
- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
- ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56 (c) more than three months prior to the filing of this Statement.
- OR
- ☐ Applicant submits the petition fee of \$180 as set forth in 37 CFR § 1.17(p).
- ☐ 37 CFR § 1.97(d). If so, then both:
- ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that either:
- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
- ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement.
- AND
- ☐ Applicant submits the petition fee of \$180 as set forth in 37 CFR § 1.17(p).

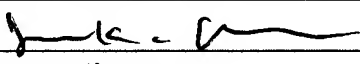
Consideration of the listed references and favorable action are respectfully solicited.

Respectfully submitted,

Gary R. Holt, et al.

Dated: June 15, 2004

By: 
James K. Okamoto
Attorney For Applicant(s)
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

| | | | |
|-------|---|----|---|
| Sheet | 1 | of | 2 |
|-------|---|----|---|

Complete if Known

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|-------------------------------|------------------|
| <i>Application Number</i> | 10/729,834 |
| <i>Filing Date</i> | December 5, 2003 |
| <i>First Named Inventor</i> | Gary R. Holt |
| <i>Art Unit</i> | 2614 |
| <i>Examiner Name</i> | not yet known |
| <i>Attorney Docket Number</i> | 10006.001710 |

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

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|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet 2 of 2

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| | |
|------------------------|------------------|
| Application Number | 10/729,834 |
| Filing Date | December 5, 2003 |
| First Named Inventor | Gary R. Holt |
| Art Unit | 2614 |
| Examiner Name | not yet known |
| Attorney Docket Number | 10006.001710 |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|------------------------|--------------------------|---|----------------|
| | H | JAMES C. BRAILEAN, et al., "Noise Reduction Filters for Dynamic Image Sequences: A Review", Sept. 1995, pages 1272-1292, Vol. 83, No. 9, Proceedings of the IEEE. | |
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| Examiner Signature | | Date Considered | |
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.
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PTO/SB/21 (04-04)
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|---|----------------------|------------------------|--------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/729,834 | |
| | Filing Date | December 5, 2003 | |
| | First Named Inventor | Gary R. Holt | |
| | Art Unit | 2614 | |
| | Examiner Name | not yet known | |
| Total Number of Pages in This Submission | 6 ** | Attorney Docket Number | 10006.001710 |

| ENCLOSURES (check all that apply) | | | | |
|---|--|---|---------|--|
| <input type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO Form SB08ab; Copy of listed refs: F-H documents only Return receipt postcard | | |
| <table border="1"><tr><td>Remarks</td><td>** does not include pages of listed references</td></tr></table> | | | Remarks | ** does not include pages of listed references |
| Remarks | ** does not include pages of listed references | | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|---|
| Firm or Individual name | James K. Okamoto, Reg No. 40,110 OKAMOTO & BENEDICTO LLP |
| Signature | |
| Date | June 15, 2004 |

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